



*CERTIFIED MAIL 7017 1450 0002 2590 7600
RETURN RECEIPT REQUESTED*

November 21, 2017

Mr. Terry O'Clair
Director, Division of Air Quality
North Dakota Department of Health
Division of Air Quality
918 East Divide Avenue, 2nd Floor
Bismarck, ND 58501-1947

RECEIVED

NOV 28 2017

Office of Enforcement
Compliance & Environmental Justice

40 CFR §60.5420a(b) REPORTING REQUIREMENTS FOR AFFECTED FACILITIES IN NORTH DAKOTA SUBJECT TO 40 CFR §60 SUBPART OOOOa (NSPS OOOOa) ANNUAL REPORT

Dear Mr. O'Clair:

ONEOK Rockies Midstream (ORM) respectfully submits the enclosed Annual Report for these OOOOa Affected Facilities in North Dakota: Reciprocating Compressors and Fugitive Monitoring at Compressor Stations. The reporting period for the included facility is through August 24, 2017. Per 40 CFR §60.5420a(b), this report is being provided within 90 days after the end of the initial compliance period which begins upon initial startup and ends no later than 1 year after the initial startup date.

If you need additional information or have any questions, please contact me at Kale.Hanner@oneok.com or 918-732-1477.

Sincerely,

(b) (6)

Kale Hanner
Environmental Supervisor

Enclosures: Annual Reports for OOOOa Affected Facilities, Monitoring Reports, R.O. Certification

xc: U.S. EPA Region 8, 1595 Wynkoop Street, Mail Code 8ENF-AT, Denver, CO 80202-1129
CERTIFIED MAIL 7017 1450 0002 2590 7617 / RETURN RECEIPT REQUESTED
V. Danzeisen/C. Trembath/T. Kelvington/B. Danforth/C. Forsander/W. Parke Moore/R. Brown (.pdf)
Tulsa Environmental Files – ORM – North Dakota – NSPS Annual Reports

ONEOK Field Services Company
100 West Fifth Street
Tulsa, OK 74103
www.oneok.com

**CERTIFICATION
FOR
40 CFR §60.5420a(b) REPORTING REQUIREMENTS
FOR AFFECTED FACILITIES IN NORTH DAKOTA
SUBJECT TO 40 CFR §60 SUBPART OOOOa
ANNUAL REPORT**

ONEOK ROCKIES MIDSTREAM, L.L.C.

I certify, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Name of Responsible Official (print or type): David C. Roensch

Title: Vice President – Natural Gas Gathering and Processing Operations

Signature: _____

(b) (6)

Date: _____

11/21/17

ONEOK Rockies Midstream, L.L.C. (ORM)
P.O. Box 871, Tulsa, OK 74102-0871
100 West Fifth Street, Tulsa, OK 74103-4298

Note: Some Compressors May Not Operate 24/7

¹ These four compressors are located at the Killdeer Compressor Station and are collocated with the Bear Creek Gas Plant. Monitoring results are included in the Bear Creek Gas Plant Semi-Annual NSPS Subpart OOOO LDAR Monitoring Reports.

² The commence construction date for Elm Tree Unit 7 was June 28, 2017. The commence construction date for Galaxy Unit 6 was March 4, 2017. Their startup dates are after the end of this reporting period. Monitoring Surveys will be submitted separately from this Annual Report.

[illegible]

OOOOa Annual Report Due: 11/21/2017 End of OOOOa Reporting Period: 08/24/2017										
ONEOK Rockies Midstream, L.L.C. (ORM) P.O. Box 871, Tulsa, OK 74102-0871 100 West Fifth Street, Tulsa, OK 74103-4298										
Compressor Stations in ORM North Dakota Area Subject to Compressor Station Fugitive Monitoring per 40 CFR Subpart OOOOa Complete fugitive emissions monitoring survey is included with this summary										
Facility ID	Location	Latitude	Longitude	County	Qtrs	Section	Twtnshp	Range	Date of survey	Deviation?
ND0001	Big Gulch CS	(b) (9)	(b) (9)	Dunn	NW/4, NE/4	19	147N	96W	5/11/2017	No
ND0002	Lost Bridge CS	(b) (9)	(b) (9)	Dunn	SE/4, SE/4	25	147N	96W	5/11/2017	No
Fugitive emissions monitoring survey is included with this summary										

SURVEY SUMMARY REPORT	
COMPANY	ONEOK Inc.
FACILITY	Big Gulch
FACILITY TYPE	Compressor Station

SURVEY INFORMATION			
DATE	5/11/2017	OGI OPERATOR	(b) (6)
START TIME	14:03:29	TRAINING COMPLETED	ITC Certified Thermographer
END TIME	15:55:19	YEARS EXPERIENCE	1
SKY CONDITIONS	Partly Cloudy	MAXIMUM WIND SPEED	6
INSTRUMENT USED	GF320	AMBIENT TEMPERATURE °F	75

DEVIATIONS FROM THE MONITORING PLAN	
YES/NO	REASON FOR DEVIATION IF "YES"
NO	NO

LEAKS				
COMPONENT TAG	COMPONENT TYPE	REPAIRED PER 60.5397a(h)	DATE OF REPAIR	RESURVEY INSTRUMENT
514	Connector	YES	5/11/2017 15:33	OGI- GF320
513	Connector	YES	6/7/2017 11:45	OGI- GF320

TOTAL LEAKS DETECTED	
COMPONENT TYPE	COUNT
CONNECTOR	2

DELAY OF REPAIR		
COMPONENT TAG	COMPONENT TYPE	REASON FOR DELAY
512	Pressure Relief Device	Repair is technically infeasible without a process unit shutdown
511	Pressure Relief Device	Repair is technically infeasible without a process unit shutdown
510	Pressure Relief Device	Repair is technically infeasible without a process unit shutdown
509	Thief Hatch	Repair is technically infeasible without a process unit shutdown

DIFFICULT/UNSAFE TO MONITOR COMPONENTS		
DTM or UTM	COMPONENT TYPE	COUNT
None		

SURVEY SUMMARY REPORT	
COMPANY	ONEOK Inc.
FACILITY	Lost Bridge
FACILITY TYPE	Compressor Station

SURVEY INFORMATION			
DATE	5/11/2017	OGI OPERATOR	(b) (6)
START TIME	10:21:00	TRAINING COMPLETED	ITC Certified Thermographer
END TIME	13:15:00	YEARS EXPERIENCE	1
SKY CONDITIONS	Partly Cloudy	MAXIMUM WIND SPEED	6
INSTRUMENT USED	GF320	AMBIENT TEMPERATURE °F	80

DEVIATIONS FROM THE MONITORING PLAN	
YES/NO	REASON FOR DEVIATION IF "YES"
NO	NO

LEAKS				
COMPONENT TAG	COMPONENT TYPE	REPAIRED PER 60.5397a(h)	DATE OF REPAIR	RESURVEY INSTRUMENT
508	Connector	YES	5/11/2017 12:50	OGI- GF320
507	Connector	YES	5/11/2017 12:39	OGI- GF320
506	Connector	YES	5/11/2017 12:15	OGI- GF320
501	Thief Hatch	YES	6/7/2017 12:45	OGI- GF320
505	Valve	YES	6/7/2017 12:50	OGI- GF320
504	Connector	YES	6/7/2017 13:01	OGI- GF320
503	Thief Hatch	YES	6/7/2017 12:50	OGI- GF320
502	Pressure Relief Device	YES	6/7/2017 12:47	OGI- GF320

TOTAL LEAKS DETECTED	
COMPONENT TYPE	COUNT
VALVE	1
CONNECTOR	4
THIEF HATCH	2
PRESSURE RELIEF DEVICE	1

DELAY OF REPAIR		
COMPONENT TAG	COMPONENT TYPE	REASON FOR DELAY
None		

DIFFICULT/UNSAFE TO MONITOR COMPONENTS		
DTM or UTM	COMPONENT TYPE	COUNT
None		